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APPROVED	C.G. FIG.
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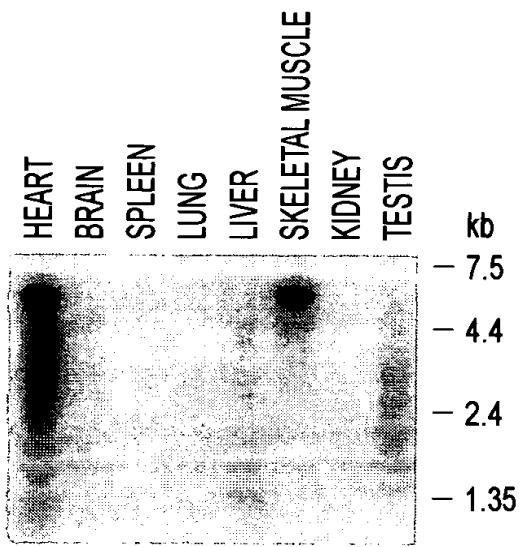


FIG. 1A

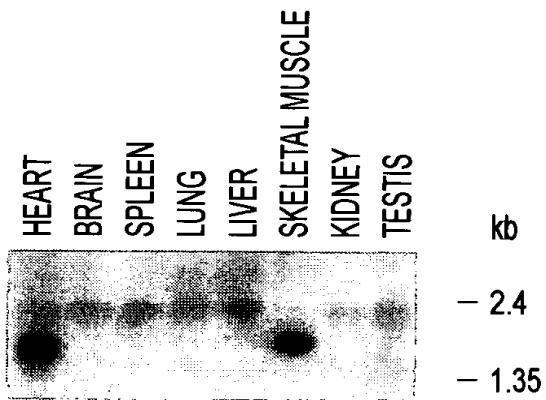


FIG. 1B



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	10	20	30	40	50	60																																																														
rMiRP1	M	T	I	A	N	L	T	O	T	I	E	D	A	F	K	V	F	I	T	Y	M	D	S	W	R	R	I	T	T	A	-	E	Q	Q	A	R	V	D	A	E	N	F	Y	Y	V	V	I	I	M	G	I	C	F	A	F	I	V	V	A	I								
hMiRP1	M	S	T	L	S	N	F	T	Q	T	I	L	E	D	V	F	R	I	F	T	Y	M	D	N	W	R	Q	N	T	A	-	E	Q	E	A	L	Q	A	K	V	D	A	E	N	F	Y	Y	V	V	I	I	M	G	I	C	F	A	F	I	V	V	A	I					
rMink	-	M	A	L	S	N	S	T	T	V	I	L	P	-	-	F	I	L	S	W	Q	E	T	D	P	G	G	N	M	S	A	L	A	R	S	Q	L	R	D	D	S	K	-	-	L	E	A	L	Y	V	L	M	V	L	G	F	F	T	L	G	I							
hMink	-	M	I	L	S	N	T	T	A	V	T	P	-	-	F	I	L	T	K	L	W	Q	E	T	V	Q	Q	G	G	N	M	S	G	-	-	L	A	R	R	S	P	R	S	G	D	G	K	-	-	L	E	A	L	Y	V	L	M	V	L	G	E	E	F	F	T	L	G	I

	70	80	90	100	110	120																																																												
rMiRP1	L	V	S	T	V	K	S	K	R	E	H	S	Q	D	P	Y	H	Q	Y	I	V	E	D	W	O	Q	R	Y	R	S	-	-	Q	I	L	H	I	E	D	S	K	A	T	-	I	H	E	N	L	G	A	T	G	--	F	T	V	S	P	-	-	-	-			
hMiRP1	L	V	S	T	V	K	S	K	R	E	H	S	Q	D	P	Y	H	Q	Y	I	V	E	D	W	O	Q	R	Y	R	S	-	-	Q	I	L	H	I	E	S	K	A	T	-	I	H	E	N	I	G	A	G	-	-	F	K	M	S	P	-	-	-	-				
rMink	M	I	S	Y	I	R	S	K	K	I	E	H	S	H	D	P	F	N	V	I	E	S	D	A	W	Q	E	K	G	K	A	L	F	Q	A	R	V	L	E	S	F	R	A	C	Y	V	I	E	N	Q	A	A	V	E	Q	P	A	T	H	P	E	L	K	P	L	S
hMink	M	I	S	Y	I	R	S	K	K	I	E	H	S	N	D	P	F	N	V	I	E	S	D	A	W	Q	E	K	D	K	A	V	V	Q	A	R	V	L	E	S	Y	R	S	C	Y	V	V	E	N	H	I	A	E	Q	P	N	T	H	P	E	T	K	P	S	P	

FIG. 1C



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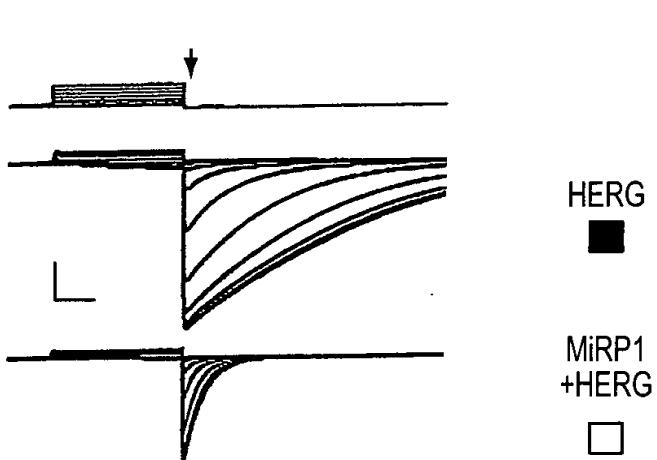
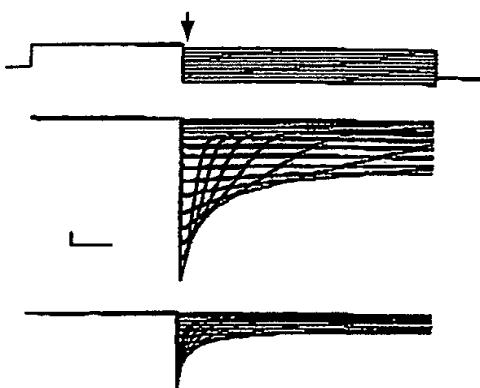


FIG. 2A



**FIG. 2B**

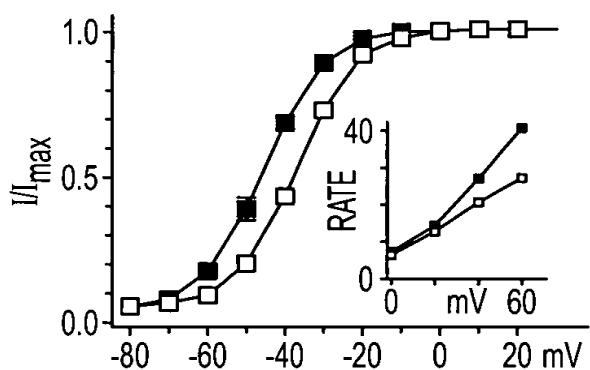
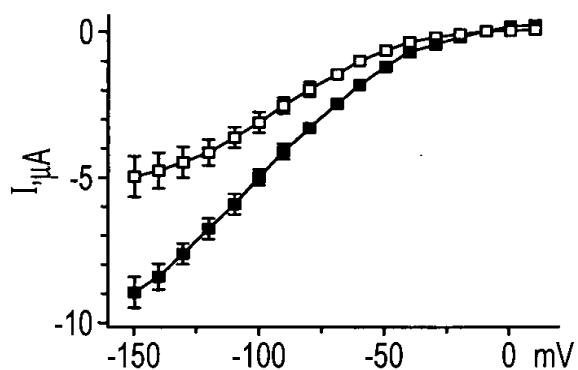


FIG. 2C



**FIG. 2D**

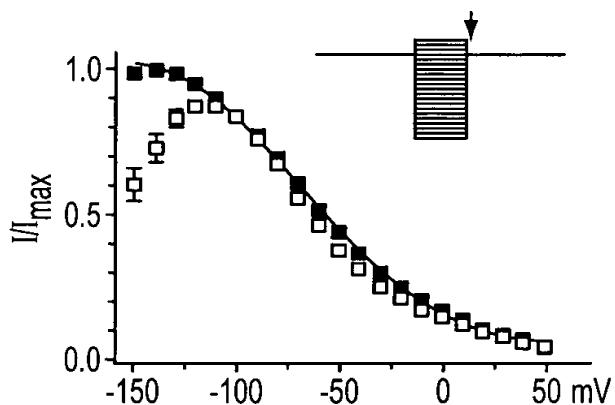


FIG. 2E

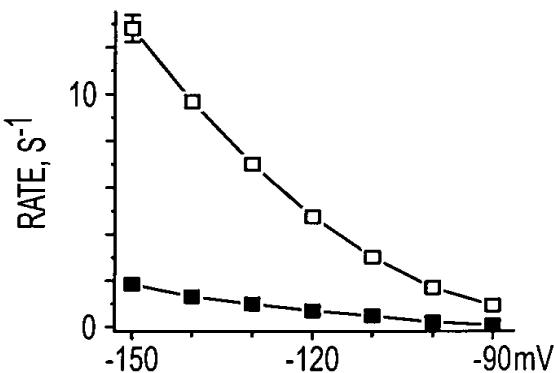


FIG. 2F

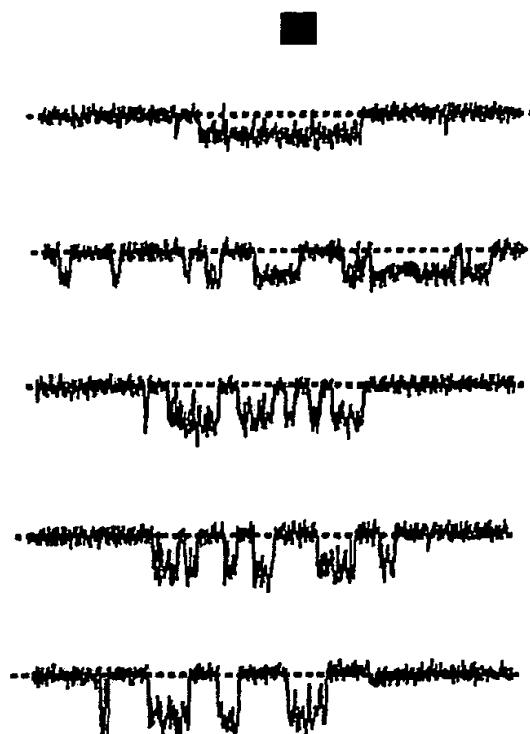
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HERG



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rMiRP1 + HERG

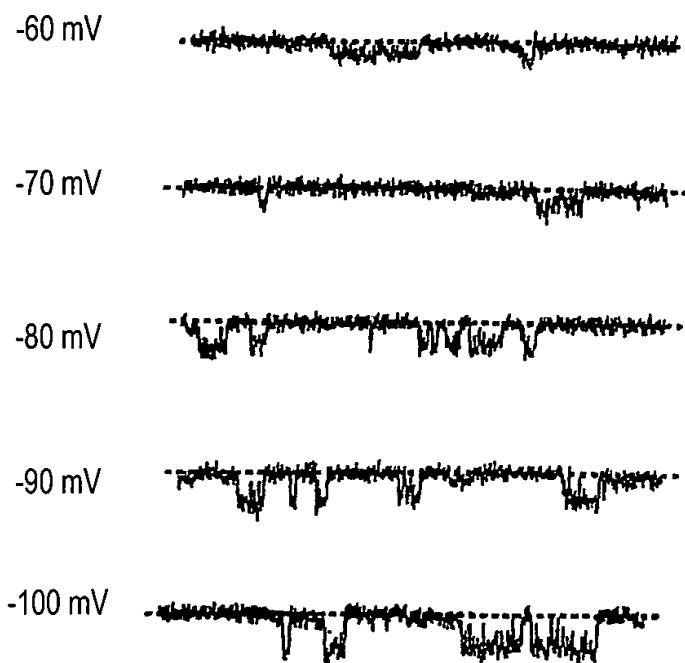


FIG. 3A

1 pA  
0.1 s

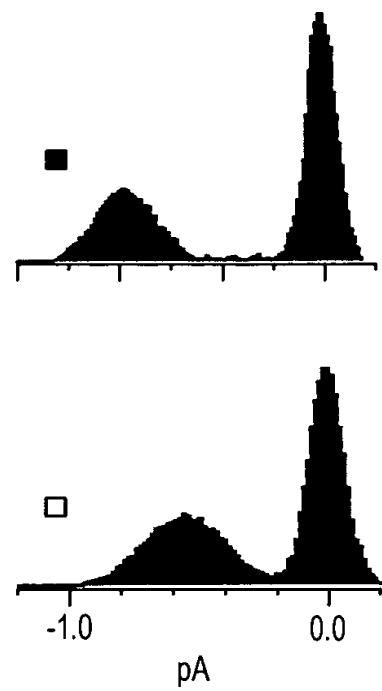


FIG. 3B

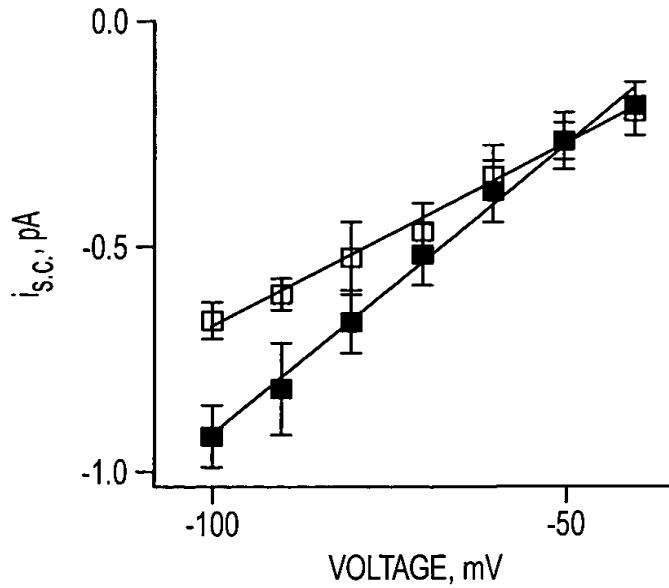
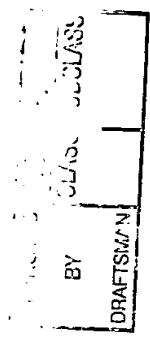


FIG. 3C

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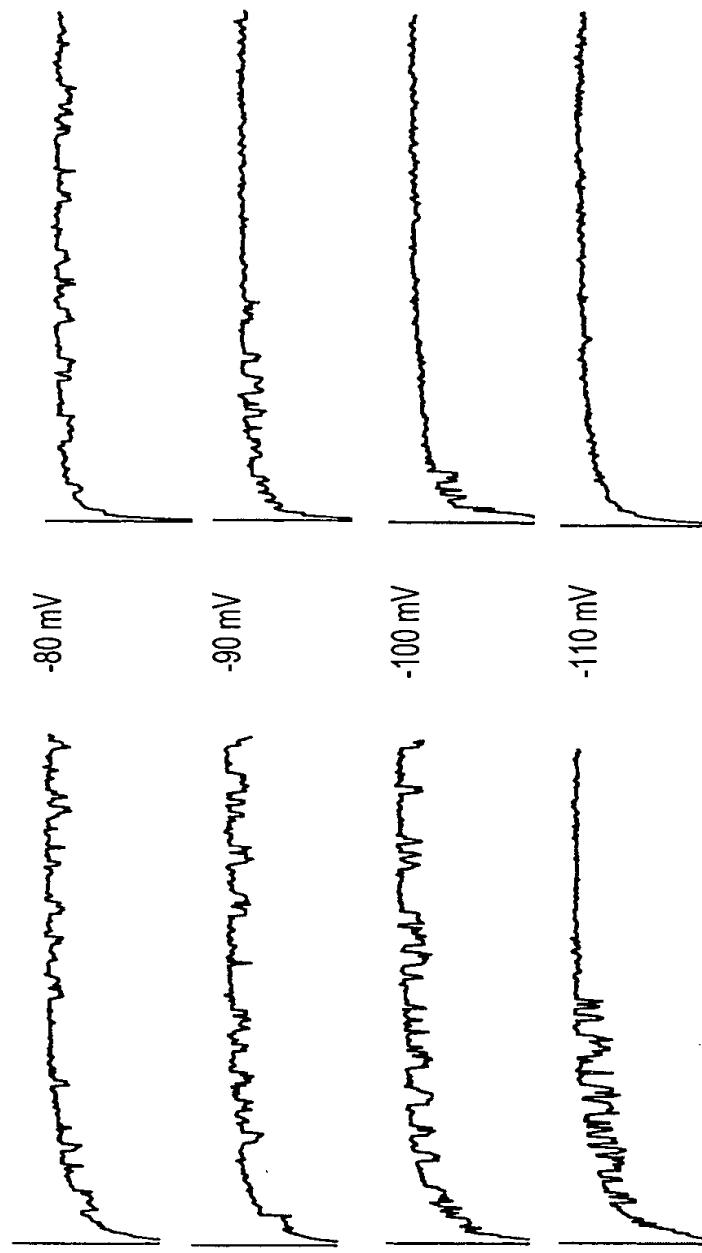


FIG. 4A



FIG. 4B

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1. P. D. O. G. FIG.  
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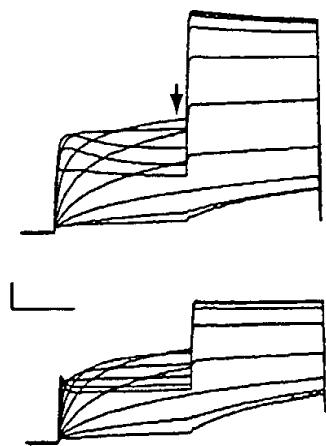


FIG. 5A

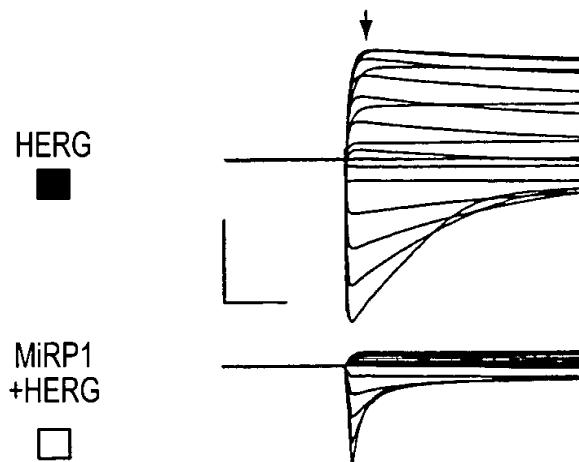


FIG. 5D

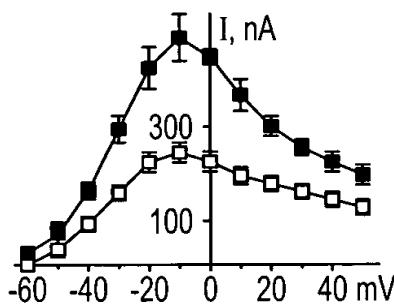


FIG. 5B

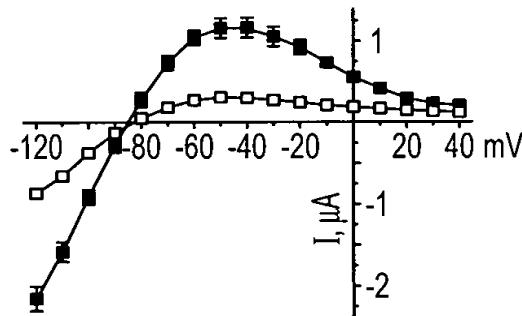


FIG. 5E

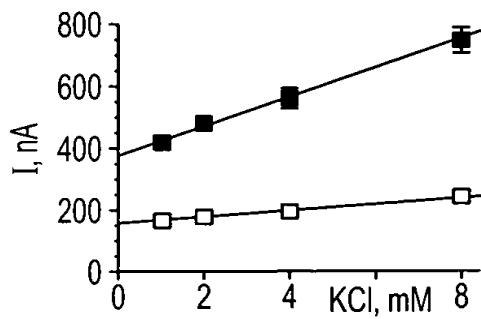


FIG. 5C

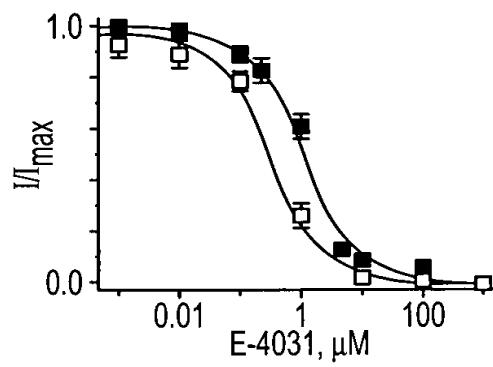


FIG. 5F

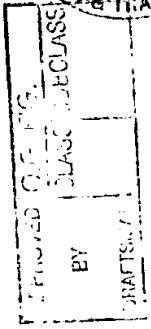


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1	2	3	4	5
TL	IP	IP	IP	IP
M1	M1	-	M1	M1
H	H	H	-	C

1	2	3
M1	-	M1
H	H	H

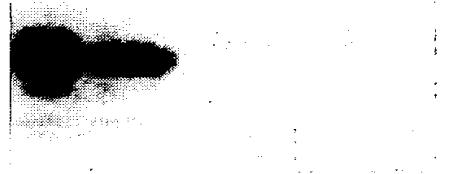


FIG. 6A



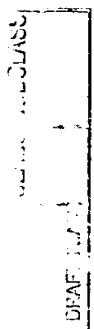
FIG. 6B

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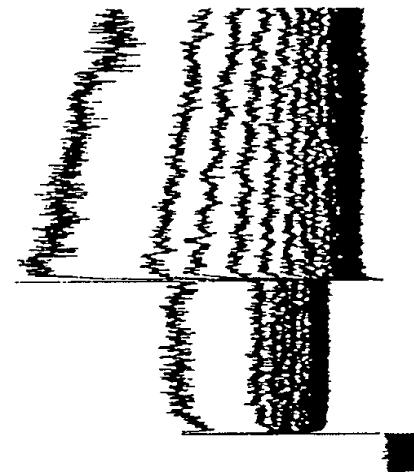
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hMiRP1 + HERG



HERG

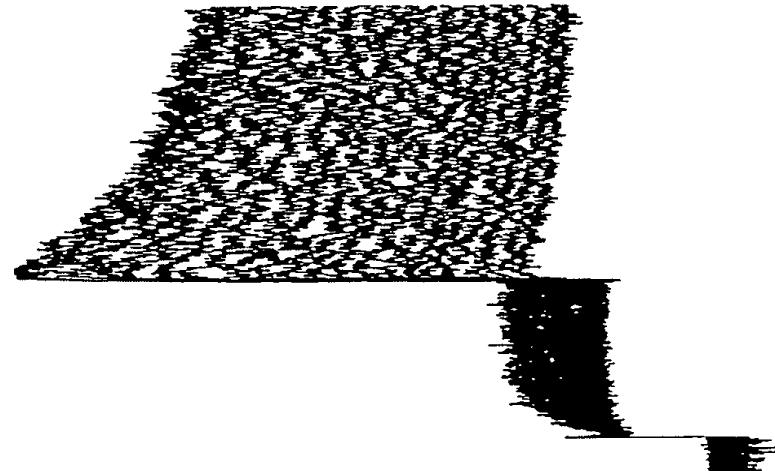


FIG. 7A

FIG. 7B



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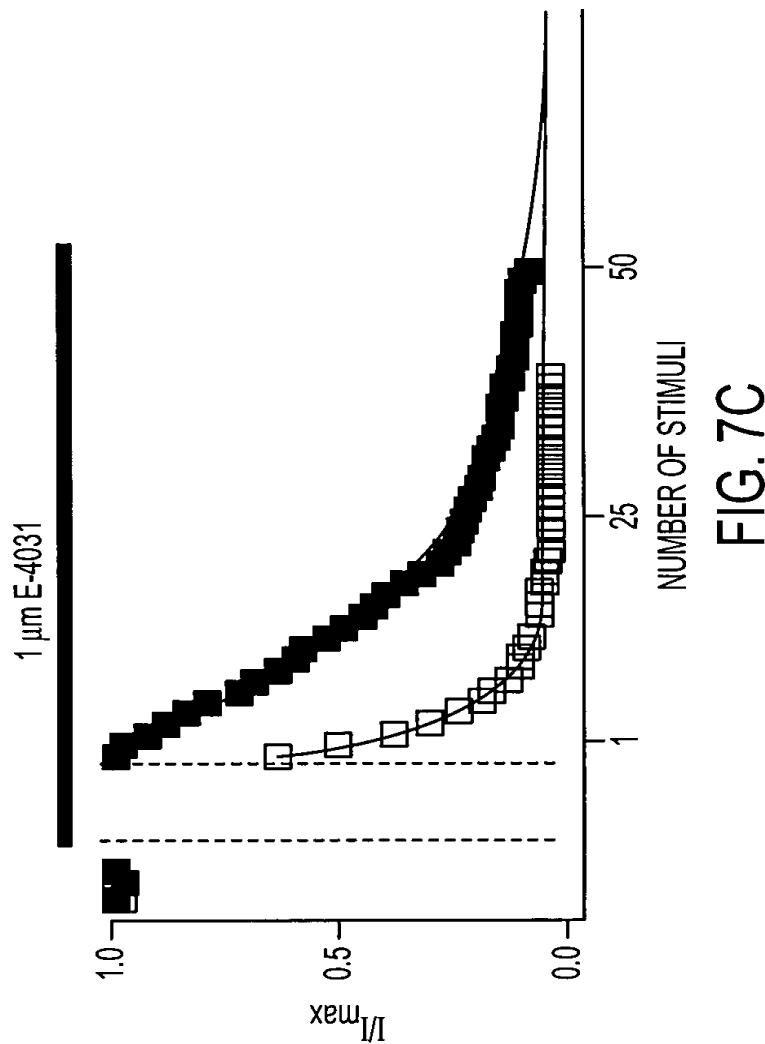


FIG. 7C

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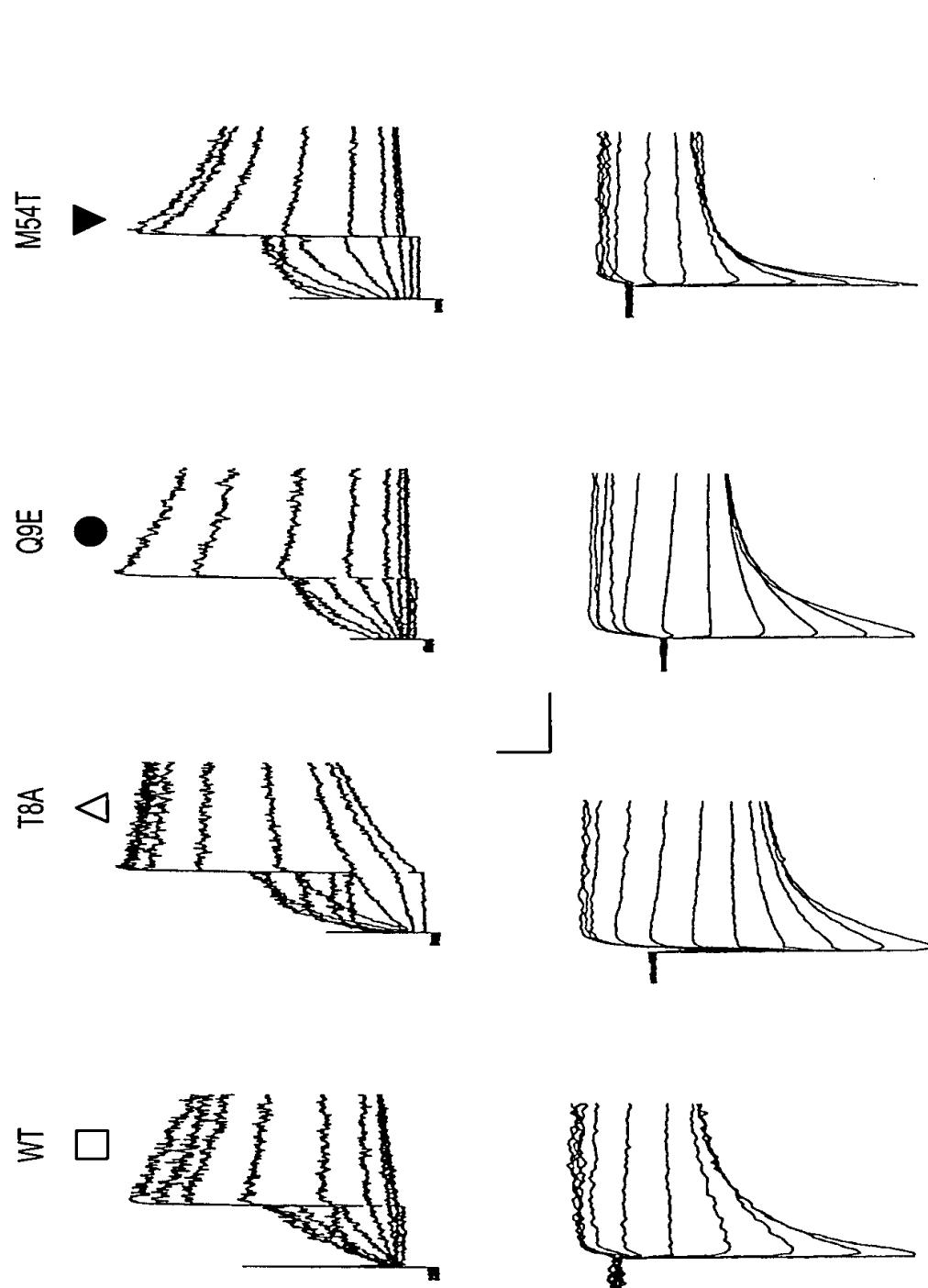


FIG. 8A

FIG. 8B

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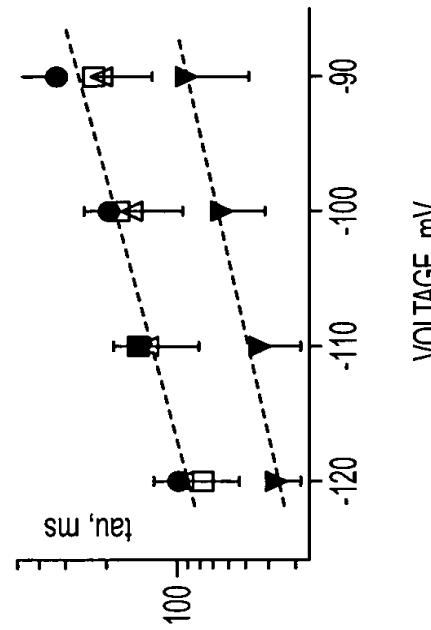


FIG. 8D

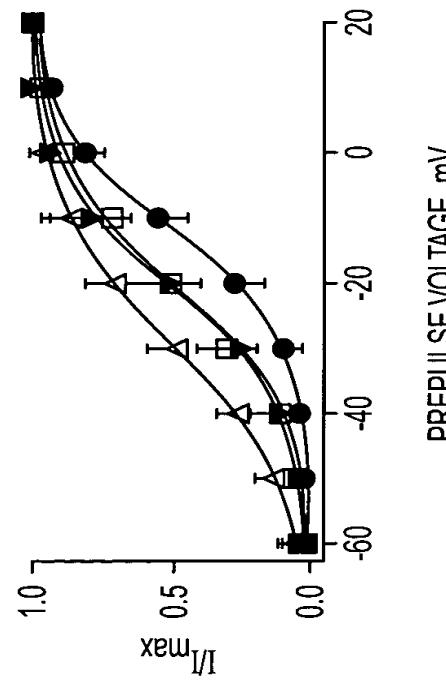


FIG. 8C



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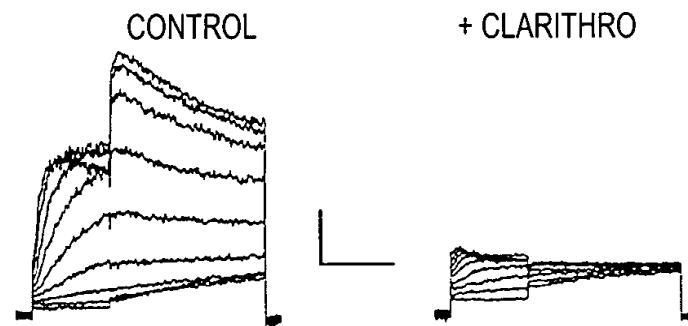
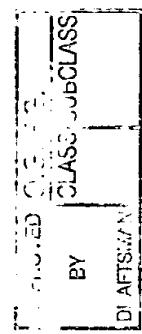


FIG. 9A

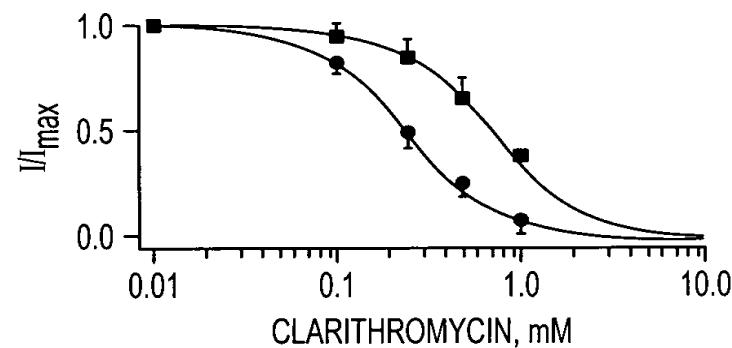


FIG. 9B

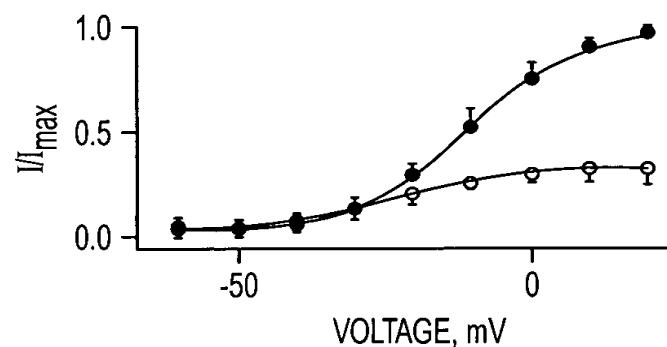


FIG. 9C